

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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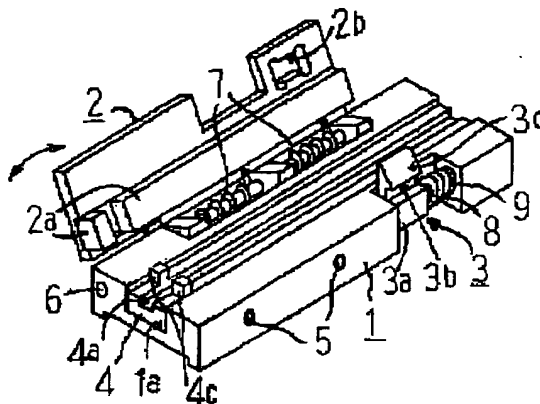
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APPLICANT : NIPPON ELECTRIC GLASS CO LTD;

INVENTOR : TSUNEOKA TAKASHI;

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TITLE : OPTICAL FIBER HOLDER



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide the optical fiber holder which can have its upper lid opened and closed by single operation, securely hold optical fibers of various clad sizes, and improve operability.

**SOLUTION:** This holder consists of a base 1 which has a groove part for storing an optical fiber, the upper lid 2 which is pivoted on the base 1 in a free opening/closing state and energized in the opening direction with a spring 7, and a lock lever 3 which has a lock claw 3b atop; and the lock lever 3 is always energized with the spring 9 in the direction wherein it is locked to the lock part 2b of the upper lid 2 in the always closed state. Further, when the upper lid 2 is rotated in the closing direction, the lock part 2b of the upper lid 2 presses an inclined cam surface 3c on the top surface of the lock claw 3b to rotate the lock lever 3 in the unlocking direction against the spring 9 and when the upper lid 2 passes by the inclined cam surface 3c, the spring 9 locks the lock claw 3b to the lock part 2b of the upper lid 2.

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